



CANUSDIX 2003

Prince Rupert BC
08-12 September 2003



USCG Interim After Action Report

Final Report to be Issued by Canadian CG

Prepared by:

Rick Janelle
CGD17 (mor) - Juneau, AK
(907) 463-2808

A. Background:

CANUSDIX 2003 was conducted from September 08-12, 2003 in Prince Rupert, BC. This comprehensive exercise included formal Joint Planning Group meetings, international wildlife workshops, field exercises combining command and control, training and deployment of offshore / near shore oil response equipment, a logistics/operations centered tabletop exercise, and several work group meetings. A schedule of events is attached.

This report is intended to summarize the proceedings of the major events and provide recommendations to improve response in the Dixon Entrance region, as well as improve future CANUSDIX exercises.

The format for this report will be objective based. Each specific objective will be reviewed and evaluated for level of success.

B. Major Accomplishment Summary:

- Signed CANUSDIX Annex to the Joint Contingency Plan.
- Conducted formal Joint Planning Group meetings to determine and approve new work group tasking to improve response in Dixon Entrance.
- Conducted an extensive multi-vessel on water exercise that was managed using the Canadian Response Management System (RMS).
- Provided hands on equipment deployment training and cross training to all participating agencies.
- Conducted professional post deployment maintenance of all equipment.
- Integrated the new work group tasking for CANUSDIX response with the information requirements of new BC States Task Force projects.
- Utilized the unique tabletop exercise developed by USCGD17 to increase operational and logistics planning for CANUSDIX and to build working relationships with new personnel.
- Reviewed and exercised the Joint Wildlife Operations Appendix to CANUSDIX with on scene coordinators and response personnel from both sides of the border.
- Inspected potential facilities in Prince Rupert area for wildlife rehabilitation centers.
- Conducted wildlife response seminar for local Prince Rupert personnel and agencies.

C. CANUSDIX 2003 Objectives Summary:

The general objectives for this event were to exercise the CANUSDIX Annex to the Joint Plan, to improve emergency procedures for Dixon Entrance, and to expand the working relationships between all participants. Specific objectives included:

- Ensure and promote safety for all participants at all times.
- Provide a format for US and Canadian response agencies to improve working relationships.
- Provide a format for US and Canadian response agencies to receive cross training on each other's equipment and processes.

- Provide a format for the Wildlife Response Work-Group to brief and present the completed *CANUSDIX Annex – Operational Appendix: Wildlife Response Guidelines* to the CANUSDIX Planning and Operations Group, and to engage the Unified Command in a wildlife response tabletop exercise discussion.
- Conduct and evaluate a safe coordinated on-water equipment exercise incorporating lessons learned from past exercises and identifying potential improvements for equipment deployment and operations.
- Identify and task workgroups to address the Joint Planning Group's concerns for dispersant application, in situ burning, pre-determined safe anchorages, and any other response issues identified.
- Evaluate the USCG tabletop simulation for possible inclusion in the Canadian Coast Guard exercise program.
- Evaluate and document potential facilities in the Prince Rupert area for oiled migratory bird treatment.

D. Specific Objective Review:

- ❑ **Ensure and promote safety for all participants at all times.**

Successfully completed. No injuries or “near misses” related to the exercise occurred despite the windy and rainy conditions. The Canadian Coast Guard (CCG) safety officer developed a detailed safety plan, and conducted a thorough safety brief. Dedicated safety vessels were on scene and available for emergency use. Shore side medical facilities were alerted to our training. Each unit involved in the exercise appointed their own safety officer, and were instructed to conduct safety briefs prior to each step of the deployment process. Specific safety issues are addressed later in this report. Minor violations for hard hats and ear protection were identified and quickly corrected.

Prior to the start of on water operations, a crewmember from one of the vessel became sick and required transport to shore. The procedures described in the safety plan were quickly executed, and the crewmember was transported to a waiting ambulance ashore. This real world incident highlighted the importance of safety planning for rapid response.

Recommendations:

- Continue to stress safety at all levels.
- Continue to have the host country provide the Safety Officer and develop the safety plan.
- Ensure safety officers from each participating unit hold safety meeting early in the week to review and discuss safety plan and procedures.
- Conduct safety briefs at each unit prior to getting underway and prior to starting each stage of equipment deployment.
- Stress the small points: hard hats, ear/eye protection, safety communications, etc.
- **Include an operations briefing to the Unified Command with safety being a part of the brief.**

❑ **Provide a format for US and Canadian response agencies to improve working relationships.**

Successfully completed. The CCG, U.S. Coast Guard (USCG), provincial, state and private response companies worked together daily at all levels. The USCG had several new personnel including the new Commanding Officer from MSO Juneau, new Supervisor from MSD Ketchikan, new Executive Officer from the Pacific Strike team, and several new petty officers. Field personnel worked closely on equipment and logistic issues and deployment training. Senior level personnel met daily, agreed to a 2 year joint work plan, decided and assigned new tasking to joint work groups, and jointly participated in both a wildlife and operations table top exercises. In addition to the formal portion of CANUSDIX, participants continued to build relationships at informal dinners, BBQs, and other social functions.

Recommendations:

- Continue to provide meaningful activities that improve response management and team building. Activities that may be considered include joint objective development, procedural discussions for command post liaison, communications procedures, standard briefing formats, or other areas of joint concern.

❑ **Provide a format for US and Canadian response agencies to receive cross training on each other's equipment and processes.**

Completed, but improvements can be made in this area. Available personnel from both Coast Guards were spread among the various vessels and equipment. The main hurdle is the lack of personnel available to accomplish this objective fully. Due to small travel budgets, only a limited number of personnel are able to attend the exercise. Additionally, the Coast Guards have never attempted to deploy the other's equipment from their vessels. Future consideration should be given to deploying USCG equipment from CCG vessels and vice versa.

Recommendations:

- For future exercises, consider deploying equipment from the other Coast Guard's vessel. This will provide crew cross training, and evaluate equipment compatibility issues with the new vessel.
- If personnel are limited, shuttle personnel between vessels to receive training on different systems.
- Invite and include the other Coast Guard to deployment and equipment training not associated with CANUSDIX. This will enable those attending to focus on the equipment deployment process.

❑ **Provide a format for the Wildlife Response Work-Group to brief and present the completed *CANUSDIX Annex – Operational Appendix: Wildlife Response Guidelines* to the**

CANUSDIX Planning and Operations Group, and to engage the Unified Command in a wildlife response tabletop exercise discussion.

Successfully completed. This work group has done an outstanding job and completed the 1st joint international wildlife response guidelines. These guidelines are likely be used as a template for other US/Canada regions and for other areas around the globe. A formal review of the project was presented to the Joint Planning Group followed by a tabletop exercise that focused on the guidelines. The tabletop exercise involved the full participation of federal, state and provincial on scene coordinators and resource managers. This exercise required the group to use the guidelines to make informative decisions regarding wildlife that may arise during a response. Participants in the exercise uniformly agreed that the document is a valuable tool, and the tabletop was the proper format to gain an understanding of the document.

Recommendations:

- The work group should review and update the document on a regular basis, and should use the annual CANUSDIX exercise as a format to accomplish this work.
 - Promote the guidelines to other regions across the Canada / US border and to other regions where international cooperation for wildlife response will be required for a successful response.
 - Canadian CG or USCG should put the guidelines on the web for ease of access and use.
- **Conduct and evaluate a safe coordinated on-water equipment exercise incorporating lessons learned from past exercises and identifying potential improvements for equipment deployment and operations.**

Successfully completed. The equipment deployment for CANUSDIX 2003 was the largest in recent years. The on-water supervisor stationed in the command trailer aboard the barge TASU controlled the equipment deployment. All communications went through the supervisor, and information flow and support requests were handled in an orderly manner. Skimming and collection systems were deployed by the CCGC BARTLETT, USCGC ANTHONY PETIT, Wainwright tank barge TASU, Burrard Clean contracted vessels, and SEAPRO's vessel RUDYARD BAY. Vessels responded in accordance with the tasking orders issued under Canada's Response Management System (RMS).

All vessels were briefed and provided written tasking orders. Vessels understood their mission and executed orders. There were some negative comments on the organization and content of the operations brief. Equipment deployments served as a training opportunity. Deployments were slower than expected to ensure each step of the process was fully explained and understood by all personnel.

Burrard Clean vessels deployed approximately 1000 ft of Kempner reel in an "enhanced" boom configuration to cascade oil into the collection systems of trailing vessels. This provided ships with a real life configuration, and provided ship handlers with the opportunity to practice

skimming in close quarters. Temporary storage devices (TSD) were deployed but not filled or lightered. Establishing a lightering station, and exercising the filling, changing out and lightering the TDSs needs to be included in future exercises to determine if problems exist.

A priority this year was decontamination training for on scene personnel. "DECON" lines were established on the barge TASU and USCGC ANTHONY PETIT to demonstrate decontamination process for workers. This provided excellent training, and should be expanded to accommodate all vessels next year.

Recommendations:

- Continue to include on water equipment deployment as part of CANUSDIX exercises.
 - Expand the deployment to include establishment of a lightering station, and exercise the filling, change out, and lightering of TSDs. This will provide valuable training and highlight any equipment compatibility problems.
 - Continue to have the host country direct the on water deployment using their particular response management system - ICS for USCG and RMS for CCG. Appropriate forms should be used and briefs conducted as in real situation.
 - To assist with the content and expectations for the operations brief, develop a standard agenda and provided training on conducting concise briefs.
 - Contingency Planners should work towards development of a risk and threat assessment section for Annex. This information could then be used to develop response-planning strategies for the region. Include realistic scenarios and trajectories in this analysis.
 - Include personnel decontamination procedures for all vessels next year, and document the specific procedures for each vessel.
- **Identify and task workgroups to address the Joint Planning Group's concerns for dispersant application, in situ burning, pre-determined safe anchorages, and any other response issues identified.**

Successfully completed. The Joint Planning Group met in private session to determine tasking required for continuous response improvement in Dixon Entrance. Briefing papers that discussed safe anchorages for distressed vessels, and dispersant and in-situ burning concerns were prepared and distributed in advance. Other ideas for tasking were requested but no responses were received. After considerable discussion, it was decided that the members of the Wildlife Work Group would be requested to accept new tasking that included identifying environmental criteria for selecting a safe anchorage and development of appropriate protocols for conducting dispersant and in-situ burning operations in Dixon Entrance. The work group accepted the tasking, and met in private session in order to determine how best to proceed.

These new tasks will be long term, and require new stakeholders for completion. The work group will continue to use the annual CANUSDIX exercise as a format for completion of their work plan goals and for annual group meetings. A written summary of project scopes and how the

group plans to address the new tasks will be issued under separate cover and attached as an appendix to the final report. These new tasks will improve response management in Dixon Entrance, and like the wildlife guidelines, have implications beyond the region. For example, the environmental criterion fills a need for the BC States Task Force that is also working on safe anchorage issues.

Recommendations:

- The Joint Planning Group should continue to meet annually at CANUSDIX to review the current state of response for Dixon Entrance, and provide direction and tasking as required.
 - The Joint Planning Group should continue to support work groups to the maximum extent possible.
 - Exercise planners should continue to schedule meeting rooms and support needs for work groups at CANUSDIX exercises.
 - The work group should continue to use CANUSDIX as an annual meeting and work-scheduling platform for completing tasks.
 - The work group should change their name and add members as required to meet the objectives for new tasks.
 - The work group should keep the Joint Planning Group informed of their progress.
 - The work group should provide the Joint Planning Group with a written summary.
- ❑ **Evaluate the USCG table top simulation for possible inclusion in the Canadian Coast Guard exercise program.**

Not fully completed at the exercise. This is the 2nd year that this oil spill tabletop format was used. Once again, participants had high praise for the format, its ability to make people think, the team building potential, and overall benefit for keeping the exercise truthful. It permitted players to visually see what was available, experience time delays, and address the logistics of moving people and equipment, assemble complete skimming systems, and make decisions using available resources. USCGD17 designers conducted a detailed shoreline survey to update shoreline types and limiting factors. Designers then updated the simulation to include new equipment, more accurate deployment times, updated shoreline types, and new oil spill trajectories. The exercise was played in two sessions, with the morning group briefing their actions to the afternoon group, who then continued the play. This briefing simulated a shift brief during a real event.

The CCG needs to determine internally how, or if, they want to incorporate this tabletop format in their organization. As resources and funding permit, USCGD17 can assist the CCG in training exercise facilitators and explaining development of this type of exercise.

Recommendations:

- USCGD17 should continue to use this tabletop format for exercises where there the benefit to the response community offsets the time and work required to develop the exercise.

- The CCG should decide internally how to incorporate this format into their exercise program, and request assistance from USCGD17 as required to develop an expertise in this format.
 - This tabletop format should be expanded, as reasonable, to include the full ICS or RMS systems and the response patterns for Dixon Entrance.
 - Exercise planners should evaluate the benefit of running the table top for longer periods of time to permit response plans to fully develop.
 - This format should not be used annually, but only when there is a benefit to the management systems or for training new personnel.
 - Future exercises should use a new scenario.
- ❑ **Evaluate and document potential facilities in the Prince Rupert area for oiled migratory bird treatment.**

Successfully completed. The wildlife work group inspected several potential wildlife cleaning facilities in the Prince Rupert area. Federal, provincial, state and local representatives and an expert from the International Bird Research Rescue Center (IBRRC) inspected and evaluated seven potential facilities. A listing of sites that met minimum requirements will be included in the Wildlife Guidelines. The next step should be to select the most promising facilities and develop detailed planning for full operational set up.

Recommendations:

The joint wildlife workgroup should:

- Annually review the status of pre-identified sites for wildlife response and inspect new sites as available.
- Provided updated list of sites annually to OSC.
- As resources and funding permit, develop detailed plans for full operations. Plans should include contact points for the facility, required supplies and equipment and sources for both, facility lay-out, waste disposal plans, and other details as required.
- As required, identify local personnel for wildlife hazing, capture, and cleaning duties and provide necessary training.

E. Scenario Review:

The scenario used in CANUSDIX 2003 was the same as used in previous exercises, but with updated oil trajectories based on current weather, tides, and currents. By using the same scenario, the participants were able to use lessons learned from past exercises to improve their response actions.

For future events, it is recommended that a new scenario be developed that will promote the new tasking of safe anchorages and dispersant and in-situ burn operations. This may involve a collision with vessel on the border, or an offshore event with vessels asking to enter the best port for repairs, lighting or crew/passenger transfer.

F. Equipment Deployment Summary:

Deployments emphasized command and control, safety and training of personnel. Each unit conducted an internal debrief for the equipment and process that was used. Only “broad” concerns are listed in this section.

The following equipment was deployed during the on water exercise.

- **U.S. Coast Guard:**

USCGC ANTHONY PETIT deployed the vessel of opportunity skimming system (VOSS), and the Lancer 25,000 gallon storage barge. The CCG base at Seal Cove supplied all necessary shore side logistics. This was a smooth deployment with no equipment issues noted.

The only long-term issue is the lightering concerns for the lancer barge, and the compatibility of the VOSS with other local TSDs.

- **Canadian Coast Guard:**

The CCGC BARLETT and POINT HENRY deployed the NOFI Vee Sweep, and poly-tank for recovered liquids. The NOFI 600 may be too large for the BARTLETT, and additional deployments are encouraged for increased proficiency. The GT185 skimmer was not deployed but was assembled on deck and readied for deployment. The Point Henry proved to be a capable support boat, and its RHI served as good support for logistics.

The CG 755 and Wainwright barge TASU deployed RO-boom and a Transrec 250 skimmer. This deployment went smoothly, but there were some concerns that the CG 755 was not the ideal boom vessel due to its towing characteristics and power.

CG 752 was the dedicated safety vessel.

CG 733 was on water transport and logistics support vessel.

- **Burrard Clean**

Burrard Clean utilized the FV CAMANO SOUND and FV CALVADA to deploy approximately 1000 ft of Kepner reel boom. The fishing vessels towed the boom in a “U” configuration in front of the task force to concentrate and funnel oil into the skimming systems. No gate was put in the boom due to lack of proper connectors, so it was simulated that oil was entraining from the back of the boom. Burrard Clean also deployed an equipment trailer on the Barge TASU, established the decontamination line of the TASU, and set up their GT185 skimmer for possible use.

It is recommended that tow plates or bridles be supplied to permit “gates” be added to the enhanced booming set up. This valuable tactic should be included in future drills.

- **SEAPRO:**

SEAPRO deployed the skimming system aboard the RUDYARD BAY. This vessel is new to SEAPRO's inventory, has a sweep width of about 46 ft. using two Lori brush skimmers and 65 bbl. on board recovery capacity and provides a rapid (15-20 minutes) deployment time once on scene. Offload is accomplished using DOP 160 pump with water injection flange. The vessel is suited for recovery for near shore operations. This deployment served as an excellent training opportunity for new personnel, and as a refresher for previously trained personnel. Canadian customs officials met the vessel and explained expedited procedures for emergencies. For more information on barges and other equipment, refer to SEAPRO's web site at www.seapro.org.

G. Safety:

Safety is always the top priority for any response or training activity. For this deployment, the CCG provided the on scene safety officers, and a dedicated safety vessel. An excellent safety plan was developed and distributed to participants. In general, we were successful in that no one was even slightly injured, but the following safety violations were noted and need to be corrected in future training:

- Personnel did not sign the acknowledgement form for the safety plan. In future events where a safety plan is developed, ALL personnel should sign the plan acknowledging understanding of the requirements, and the form returned to the safety officer.
- Safety briefs were not always conducted prior to the start of new operations or stage of a deployment. This is important, especially since many were deploying the gear for the first time.
- Some large response equipment was not secured to the decks prior to getting underway or prior to deployment. One example of this was the boom roller used in the NOFI deployment.
- The HPU and control stand on board the USCGC was left unattended when in operation.
- Hearing protection was absent in some situations when required.

In the future, consideration should be given to presenting an "operations brief" to the Unified Command with safety being a part of this brief. This will simulate the ops brief at the end of ICS planning cycle. On the day of the exercise, a specific safety brief will be provided to field personnel.

H. On Scene Communications:

No problems or issues were reported. CH 81A was the main channel for communication to and from the task force operations leader, who was responsible to make consolidated reports to the task force commander and to disseminate information back to all assets. This prevented channel clutter and speeded the flow of information.

In a real event, remote communications will likely be an issue. To pre-identify potential problems, it was recommended that a communications survey be conducted of the area to determine cell phone, satellite telephone and VHF and UHF coverage, along with INMARSAT voice and data transmissions capability. This survey can be done outside of CANUSDIX exercises, and combined with other missions in the area.

I. Future Exercise Recommendations:

A meeting of the Joint Planning Group and exercise planners was held to discuss CANUSDIX 2004. The following input was provided to the planners for consideration:

- Attempt to schedule the exercise around the USCGD17 buoy tender roundup. This will assist CCG in scheduling and funding vessels for participation. If not possible, schedule the event for the 3rd week of September 2004.
- Investigate the benefits and potential to hold the meeting in Juneau, AK. This will permit a larger audience of state and federal employees, and permit Canadians to meet other components of USCGD17 and State of Alaska.
- Continue to include equipment deployment exercises as part of CANUSDIX, and use the response management system of the host country to control. Explore the potential for doing equipment deployment in a remote area to the command post to test communications and information exchange.
- Investigate the potential benefits of conducting the field exercise from two command posts to simulate operational planning and communications flow between the two countries.
- Schedule a communications evaluation for Dixon Entrance region to evaluate all forms of communications and their operability. This can be done outside the CANUSDIX exercise format.
- Conduct a communications only exercise for the activation and de-activation of the CANUSDIX Annex. This should be conducted prior to CANUSDIX 2004 with findings presented to the Joint Planning Group.
- Continue to include and support all work groups during the annual exercise. For 2004, consult with work group leaders well in advance to schedule and provide meeting space and support as required.
- Expand the USCGD17 tabletop to include more components of the ICS or RMS systems, and explore the benefits of running the exercise for longer time periods.
- Specific topics that were mentioned for inclusion into CANUSDIX 2004:
 - Continue decontamination training
 - Contingency planners develop risk assessment for Dixon Entrance
 - Develop standard operational briefing formats and provide training opportunities
 - More on water activity: coordinate off shore, near shore, and on shore cleanup.
 - Establish lightering station for offloading TSDs.
 - Focused objective exercises for planning and operations sections.
 - NOAA presentations on seafood contamination during oil spills
 - Add ICS / RMS to the table top format
 - Test Lincoln Channel GRS
 - Dispersant use in international response

CANUSDIX 2003 After Action Report

- Continuation of international wildlife issues and annual work group review of annex
- Evaluate communications in the region

- Disposal options for the region
- Expand shoreline surveys for areas likely to be impacted
- Conduct actual equipment load-outs on local barges

Distribution:

All Participants via E-mail.

Enclosures: (1) Work List Items
(2) Participants
(3) CANUSDIX 2003 Schedule of Events

CANUSDIX 2003 After Action Report

| Work List Items from CANUSDIX 2003] | Coordinator(s) | Due Date | Status | Complete Date |
|--|---|---------------------|---------------|----------------------|
| Update two-year work plan for CANUSDIX Activities. | Rick Janelle / Mark Wagner Brian Hennessey | As needed | | |
| Update CANUSDIX Annex. | John Ehrhart (USCG) & Bill Dutrizac (CCG) | As needed | | |
| Conduct CANUSDIX activation / deactivation communications exercise. Revise standard message formats as required and include in Annex. | John Ehrhart (USCG) & Bill Dutrizac (CCG) | Prior to March 2004 | | |
| Contingency Planners develop a Dixon Entrance risk and threat assessment section for Annex. This information will be used to develop response-planning strategies for the region. Include realistic scenarios and trajectories in this analysis. | John Ehrhart (USCG) & Bill Dutrizac (CCG) | Sept 2004 | | |
| The wildlife work group revises / update International Wildlife Guidelines as required. | Pamela Bergmann Paul Ross | As needed | | |
| The wildlife work group begins development of detailed requirements to set up the best sites for cleaning centers identified. | Pamela Bergmann Paul Ross | TBD | | |
| Schedule 2004 exercise with considerations to 2003 recommendations. | Rick Janelle/Mark Wagner Brian Hennessey | March 2004 | | |
| Resource work group to develop initial plans and requirements for new tasking: Environmental factors for anchorages Dixon Entrance dispersant and in-situ burn protocols | Pamela Bergmann / Rick Janelle Paul Ross | TBD | | |
| To assist with the content and expectations for operational briefs, develop a standard agenda for briefs and provided training on conducting briefs. | Pete Pritchard SEAPRO Craig Dougans BCO | CANUSDIX 2004 | | |
| Invite and include the other Coast Guard to deployment and equipment training not associated with CANUSDIX. This will enable those attending to focus on the equipment deployment process. | Rick Janelle Brain Hennessy | TBD | | |
| Promote the wildlife guidelines to other regions across the Canada / US border and to other regions where international cooperation for wildlife response will be required for a successful response. | Pamela Bergman Paul Ross | As available | | |
| Canadian CG or USCG should put the CANUSDIX Annex and wildlife guidelines on the web for ease of access and use | John Ehrhart Bill Dutrizac | 01 Feb 2004 | | |
| Communications survey conducted of the area to determine cell phone, satellite telephone and VHF and UHF coverage, along with INMARSAT voice and data transmissions capability. | MSO Juneau Port Ops/D17 COMCEN Brian Hennessy | Aug 2004 | | |

CANUDIX 2003 Participants:

This list includes those personnel who registered at one of the meetings. It does not include all personnel in the field or who failed to sign the register.

| NAME | ORGANIZATION NAME | PHONE | CELL | EMAIL |
|-----------------------|---|--------------|--------------|--|
| <u>USA:</u> | | | | |
| Rick Janelle | USCG D17, | 907-463-2247 | 907-321-2921 | rjanelle@cgalaska.uscg.mil |
| Mark Wagner | USCG D17, District Response Advisory Team | 907-463-2808 | | mwagner@cgalaska.uscg.mil |
| MSTC Randy Mints | MSO Juneau | 907-463-2450 | | jmints@cgalaska.uscg.mil |
| LT Darwin Jensen | MSO Juneau | 907-463-2450 | | djensen@cgalaska.uscg.mil |
| LT Milo Ortiz | Supervisor, MSD Ketchikan | 907-225-4496 | 907-723-2756 | mortiz@cgalaska.uscg.mil |
| CDR Spencer Wood | USCGD17(mor) | 907-463-2804 | 907-463-2820 | swood@cgalaska.uscg.mil |
| CDR John Sifling | Commanding Officer, MSO Juneau | 907-463-2450 | 907-321-0940 | jsifling@cgalaska.uscg.mil |
| Deborah Rudis | U.S. Fish And Wildlife Service - Juneau | 907-586-7648 | 907-586-7154 | deborah_rudis@mail.fws.gov |
| Pamela Bergmann | Department of the Interior (DOI) | 907-271-5011 | 907-227-3783 | Pamela_Bergmann@ios.doi.gov |
| David Ownings | SEAPRO, General Manager | 907-225-7002 | 907-723-5501 | dave@seapro.org |
| Peter Pritchard | SEAPRO, Safety Manager | 907-225-7002 | 907-247-1117 | pete@seapro.org |
| Cheryl Fultz | SEAPRO, Planning | 907-225-7002 | 907-723-6471 | cheryl@seapro.org |
| Bob Mattson | ADEC, SOS - S.E. Alaska | 907-465-5349 | 907-321-3425 | bmattson@dec.state.ak.us |
| Scott Tiernan | ADEC | 907-465-5378 | 907-269-7648 | sscot_tiernan@dec.state.ak.us |
| <u>Canada:</u> | | | | |
| Don Rodden | CCG Response Supervisor | 604-270-3273 | 604-250-2296 | roddend@dfo-mpo.gc.ca |
| Brian Hennessy | CCG Senior Environmental Response Officer - Prince Rupert | 250-627-9462 | 250-627-1513 | hennessyb@dfo-mpo.gc.ca |
| Joe Meggison | CCG Program Support Officer - Prince Rupert | 250-627-0347 | 250-627-1513 | meggisonj@dfo-mpo.gc.ca |
| Les Dawes | CCG Exercise Officer - Victoria | 250-920-6963 | 250-920-6963 | dawesl@dfo-mpo.gc.ca |
| Bill Dutrizac | CCG Supervisor Planning | 604-270-1150 | 604-270-7349 | dutrizacb@dfo-mpo.gc.ca |
| Paul Brett | CCG Training Officer | 250-757-2059 | | ganka91a@shav.ca |
| Ian Sharpe | BC Water, Land, Air Protection | 250-847-7250 | 250-877-9237 | ian.sharpe@gems5.gov.bc.ca |
| Alex Grant | BC Water, Land, Air Protection | 250-847-7259 | 250-847-1290 | alex.grant@gems1.gov.bc.ca |
| Laurie Boyle | BC Water, Land, Air Protection | 250-356-2878 | 250-889-0721 | laurie.boyle@gems6.gov.bc.ca |
| Mike Drumm | BC Water, Land, Air Protection | 250-847-7723 | 250-847-1291 | mike.drum@gems8.gov.bc.ca |
| Alisha Drinkwater | DFO-Shellfish Unit | 250-627-3014 | | drinkwatera@pac.dfo-mpo.gc.ca |
| Bruce Sheperd | DFO | 250-627-3453 | | sheperdb@fac.dfo-mpc.gc.ca |
| John Vanderhoeven | BCSPCA | 604-647-1318 | 604-970-5978 | jvanderhoeven@spca.bc.ca |
| Dave Smith | Env. Canada /CWS | 604-940-4645 | 604-816-3396 | dave.smith@ec.gc.ca |
| Paul Ross | Environment Canada | 604-929-7447 | 604-632-5311 | paul.ross@ec.gc.ca |
| Kevin Smith | POL-E-MAR | 613-723-1541 | | smithk@polemar.com |
| Stafford Reid | BC Environment | 250-356-9304 | 250-356-7401 | stafford.reid@gems9.gov.bc.ca |
| Kevin Gardner | Burrard Clean | 604-294-6001 | 604-718-5138 | kevin@burrardclean.com |
| Craig Dougans | Burrard Clean | 604-294-6001 | 604-313-7871 | craig@burrardclean.com |
| Tara Laycock | Burrard Clean | 604-294-6001 | 604-219-4009 | tara@burrardclean.com |
| Paul Stevenson | Burrard Clean | 604-662-7740 | 604-662-7746 | trauma@traumatech.com |

CANUSDIX 2003
September 08-12, 2003
Prince Rupert, BC
Agenda

Monday 08 September

- 0015: AMHS KENNECOTT Ferry Departs Ketchikan
- 0730: AMHS KENNECOTT Ferry Arrives Prince Rupert

- 0830-1600 – HAZWOPER Ops Level Training for the CGC Anthony Petit - (CCG Base Warehouse)
- 0900-1030 - Offload VOSS from CGC Anthony Petit – CCG Base Crane
- 0900-1200 - CANUSDIX Planners Meeting for Final meeting and forms completion (CCG Board Room)

- 1300-1700 - Joint Work Group meeting: USCG/CCG/ADEC/Provincial/SEAPRO/Burrard Clean (ID Personnel) Crest Hotel BC Ballroom A
 - Introductions: Brain Hennessy
 - 2-year work Plan Review and Update: Rick Janelle
 - Past CANUSDIX Follow Up Item : Les Dawes
 - Identification of New Directions and Priorities for CANUSDIX Workgroups:
 - Dispersant: Process for international application: information and operations shortfalls.
 - Insitu Burn: Process for international application: information and operational shortfalls.
 - Safe Anchorages: Locations, requirements and concerns for international scenario
 - Others (list):
 - Sign CANUSDIX Annex: USCGD17 and Pacific Region (if complete)
- 1300-1700 – CCG RMS Work Group: Location TBD
- 1300-1700 – Table Top Prep: Crest Hotel Ballroom B
- Travel Day for Wildlife Response Work Group Members

Tuesday 09 September

Equipment

- 0830-1500:USCGC Anthony Petit – VOSS set-up and training: CCG Crane and forklifts
- 0830-1500:CCG - Equipment prep and training
- 0830-1500:SEAPRO & Burrard Clean : Equipment prep and training
- 1500-1600: Ops Brief at Warehouse (Vessel Captains and Team Leaders)
 - Safety Plan (Canadian CG)
 - Operations Plan (Canadian CG)
 - Area of Ops / Hazards
 - Task Force Organization & Mission
 - Comms Plan
 - Termination Sequence
 - Off Load Support / Logistics Needs

Work Group Meetings:

- 0830-1200: Joint Resource Working Group meeting with USCG/CCG Joint Planning Group : Crest Hotel Ball Room A
 - Identify Attendees
 - Rick Janelle Facilitator
 - Safari Spirit and “Fish Camp” Salvage Briefs: Brian Hennessy
 - Review History and Status of Joint Wildlife Plan: Pamela Bergmann and Paul Ross 15-30 minutes
 - Seafood Safety During an Oil Spill: Ruth Yender
 - Dispersant Use: Provide summary of current capability in Dixon Entrance region and identify planning shortfalls for region:

CANUSDIX 2003 After Action Report

- In situ burning : Provide summary of current capability in Dixon Entrance and identify planning shortfalls for region.
 - Safe Anchorage Concerns and information shortfalls for region.
 - Provide Tasking to Work Groups
- 0830-1200: Table Top Set Up: Crest Hotel Ball Room B
- 1300-1430: Table Top Demo: Crest Hotel Ball Room B
- 1330-1530: US and Canadian Resource Groups Meeting: Crest Hotel Room 420.
 - Discuss options for work plan on in-situ burning and dispersants, safe anchorages.
 - Identify & recommend new working group members
 - Develop time lines

Wednesday 10 September

Equipment Deployment:

- 0800-0830 - Safety / Ops brief @ CG Warehouse (Team Leaders and Vessel Captains Only)
- 0900-1430 - Deploy Response Equipment in accordance with plan
 - DECON Training on Barge and ANTHONY PETIT
- 1430-1800 - Recovery of Equipment from Water & Offload to Pier – CCG Crane and Forklifts
 - Transport equipment to post deployment maintenance site
- 1530-1730 –Debrief Process @ CCG Base
 - 1530-1615: Team Leaders Debrief Workers in filed
 - 1630-1730 : Joint Team Leader Debrief Summary: (CG Base Board Room)

Wildlife Response Work Group:

- 0800 – TBD: Inspection of potential oiled migratory bird treatment facilities or other business
- 1300-1600: Canadian REET Meeting: Room 420 – Crest Hotel

Other:

- 1600-1900: Set Up for Table Top Exercise CREST Hotel Ball Room B

Thursday 11 September

- 0800 - Equipment Post Deployment Maintenance & Repack (CG Base)
 - Reload VOSS to ANTHONY PETTIT – CCG forklifts and crane
 -
- 0800-1000: Wildlife Response Table Top Exercise/Discussion: USCG and CCG On Scene Coordinators meet with Wildlife Response Work Group. Crest Hotel Room 420
- 1030-1200 : Wildlife Response Work Group Meeting/ Work Plan Development Crest Hotel Room 420
 - 1. Seapro and Burrard Clean briefs on wildlife cleaning capabilities
- 0830-1200 – Oil Spill Logistics Table-top Exercise Group 1 Crest Hotel Ball Room B
- 1300-1530 – Oil Spill Logistics table Top Exercise Group 2 Crest Hotel Ball Room B
- 1330-1530 –
 - Oiled Migratory Bird Capture, Stabilization, and Treatment Overview (if numbers warrant)

CANUSDIX 2003 After Action Report

Check with local audiences for demand: Crest Hotel Ballroom A

- 1300-1430: Wildlife Response Work Group Meeting : Crest Hotel Room 420.
- 1600-1700: CANUSDIX 2004 Planning Meeting: Crest Hotel A
- No Host Reception : Location TBD:

Friday 12 September

- Travel day
- 0900 Kennecott departs for Prince Rupert
- 1530 Kennecott Arrives Ketchikan